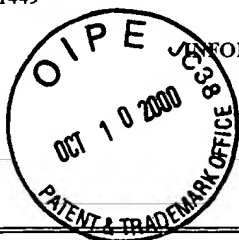


Form PTO-1449



INFORMATION DISCLOSURE CITATION
IN AN APPLICATION
(Use several sheets if necessary)

Docket Number (Optional)

068368.0131

Application Number

09/661,705

Applicant Thomas J. Nelson

Filing Date 09/14/00

Group Art Unit:

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE	
DQ	2,142,305	01/03/39	Davis				
	2,204,675	06/18/40	Grunert				
	2,430,200	11/04/47	Wilson				
	2,453,918	11/16/48	Jansen				
	2,740,167	04/03/56	Rowley				
	3,100,556	08/13/63	DeRidder				
	3,111,205	11/19/63	Gresham				
	3,128,851	04/14/64	DeRidder et al.				
	3,182,769	05/11/65	DeRidder				
	3,310,919	03/28/67	Bue et al.				
DQ	3,385,182	05/28/68	Harvey				
	3,526,420	09/01/70	Brancaleone				
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	Translation	
						YES	NO
DQ	GB 2 126 106	03/21/84	Great Britain			X	
	WO 94/04773	03/03/94	WIPO			X	
	EP 0 558 767 A1	12/31/91	Europe			Abstract Only	
	GB 1 430 423	03/31/76	Great Britain			X	
	Patentschrift 1 534 278	02/18/66	Germany				X
	Offenlegungsschrift 42 42 530 A1	12/16/92	Germany				X
DQ	WO 94/26999	11/24/94	WIPO			X	
	DE 2147 623	09/23/70	Germany			X	
	FR 2 292 144 A1	11/22/74	France				X

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

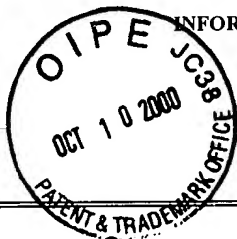
NONE

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Form PTO-1449



INFORMATION DISCLOSURE CITATION
IN AN APPLICATION
(Use several sheets if necessary)

Docket Number (Optional)

068368.0131

Application Number

09/661,705

Applicant Thomas J. Nelson

Filing Date 09/14/00

Group Art Unit:

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
DR	3,538,665	11/10/70	Gohner			
	3,590,545	07/06/71	Webb			
	3,657,852	04/25/72	Worthington et al.			
	3,694,983	10/03/72	Couquet			
	3,859,000	01/07/75	Webster			
	4,135,339	01/23/79	Pawlitschek			
	4,226,064	10/07/80	Kraayenhof			
	4,296,582	10/27/81	Simpson et al.			
	4,426,820	01/24/84	Terbrack et al.			
	4,449,346	05/22/84	Tremblay			
DR	4,461,131	07/24/84	Pressell			
	4,769,963	9/13/88	Meyerson			
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	Translation YES NO
	JP 56-5347	01/15/81	Japan			X
	JP 1-306911	11/27/89	Japan			X
DR	FR 2 697 275 A1	04/29/94	France			Abstract Only
DR	DE 7 102 476	01/23/71	Germany			X
DR	DE 86 29 521	11/05/86	Germany			X
DR	DE 3343-601	02/12/87	Germany			X
DR	DE 295 20 966 U1	02/02/95	Germany			X
DR	EP 248 127 (A)	09/12/87	Europe			Abstract Only
DR	FR 2 629 146 (A1)	03/25/88	France			X

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER		NONE	
		DATE CONSIDERED 8/21/01	
<small>EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.</small>			

Form PTO-1449



INFORMATION DISCLOSURE CITATION
IN AN APPLICATION
(Use several sheets if necessary)

Docket Number (Optional)

068368.0131

Application Number

09/661,705

Applicant Thomas J. Nelson

Filing Date 09/14/00

Group Art Unit:

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	4,796,402	01/10/89	Pajala			
	4,905,402	07/11/89	Meek			
	4,905,442	03/06/90	Daniels			
	4,917,532	04/17/90	Haberhauer et al.			
	5,022,200	06/11/91	Wilson et al.			
	5,086,599	02/11/92	Meyerson			
	5,157,890	10/27/92	Jines			
	5,179,812	01/19/93	Hill			
	5,274,979	01/04/94	Tsai			
	5,295,341	03/22/94	Kajiwara			
	5,349,796	09/27/94	Meyerson			
	5,497,589	03/12/96	Porter			
	5,706,621	01/13/98	Pervan			
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	<div>Translation</div> <div>YESNO</div>
	FR 2 210 165	12/04/73	France			<div></div> <div>X</div>
	FR 2 108 402	04/24/72	France			<div></div> <div>X</div>
	FR 2 061 044	09/07/70	France			<div></div> <div>X</div>
	GB 2 175 680 A	12/03/86	Great Britain			<div>X (Abstract)</div> <div></div>
	GB 1496489	12/24/74	Great Britain			<div>X (Abstract)</div> <div></div>
	GB 1,237,744	06/28/68	Great Britain			<div>X (Abstract)</div> <div></div>
	WO 97/21011	06/12/97	WIPO			<div>X (Abstract)</div> <div></div>
	WO 96/06241	02/29/96	WIPO			<div>X (Abstract)</div> <div></div>

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

8/21/01

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Form PTO-1449



INFORMATION DISCLOSURE CITATION
IN AN APPLICATION
(Use several sheets if necessary)

Docket Number (Optional)

068368.0131

Application Number

09/661,705

Applicant Thomas J. Nelson

Filing Date 09/14/00

Group Art Unit:

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
<i>DD</i>	5,736,227	04/07/98	Sweet et al.			
<i>DD</i>	5,860,266	01/19/99	Martinet			
<i>DD</i>	6,006,486	12/28/99	Moriau et al.			
<i>DD</i>	6,023,907	02/15/00	Pervan			
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	Translation YES NO
<i>DD</i>	WO 90/00656	01/25/90	WIPO			X (Abstract)
	WO 86/05754	10/09/86	WIPO			X (Abstract)
<i>DD</i>	Patentschrift 200949	01/16/39	Germany			
<i>DD</i>	GB 1275511	05/24/72	Great Britain			X
<i>DD</i>	Utlekningsskrift 157871	12/02/83	Norway			X
<i>DD</i>	Utlekningsskrift 7114900-9	05/23/73	Sweden			X
<i>DD</i>	WO 84/02155	06/07/84	WIPO			X
<i>DD</i>	WO 93/13280	07/08/93	WIPO			X
<i>DD</i>	Utlekningsskrift 8206934-5	06/04/84	Sweden			X
<i>DD</i>	WO 97/47834	12/18/97	WIPO			X
<i>DD</i>	Offenlegungsschrift 26 16 077 A1	04/13/76	Germany			X

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

NONE

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this Form with next communication to the applicant.

Form PTO-1449



INFORMATION DISCLOSURE CITATION
IN AN APPLICATION
(Use several sheets if necessary)

Docket Number (Optional)

068368.0131

Application Number

09/661,705

Applicant Thomas J. Nelson

Filing Date 09/14/00

Group Art Unit:

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE	
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	Translation	
						YES	NO
	Offenlegung 2502992	01/25/75	Germany			Abstract Only	
	DE 304178 A1	11/05/80	Germany			Abstract Only	
	DE 3544845 A1	12/18/85	Germany			Abstract Only	
	Patentihakemus- Patentansokan 843060	08/02/84	Finland				X
	JP 54-65528	05/09/79	Japan				
	FR 2 568 295	01/31/86	France				X
	GB 424,057	07/24/34	Great Britain			X	
	GB 2,117,813 (A)	03/31/83	Great Britain			X	
	GB 2,256,023 (A)	05/18/91	Great Britain			X	
	FR 1,293,043	04/02/62	France				X
	JP 3-169967	07/23/91	Japan				
	Offenlegungsschrift 2 159 042	06/14/73	Germany				X
	759,196	05/23/67	Canada				
	Patentschrift 562 377	05/30/75	Germany				X
	Offenlegungsschrift DE 3041781 A1	06/24/82	Germany				X

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

		NONE
EXAMINER	<i>Dennis Long</i>	DATE CONSIDERED 8/21/01

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Form PTO-1449

Docket Number (Optional)

Application Number

068368.0131

09/661,705

Applicant **Thomas J. Nelson**

Filing Date 09/14/00

Group Art Unit:

SUPPLEMENTAL INFORMATION DISCLOSURE CITATION
IN AN APPLICATION
 (Use several sheets if necessary)

(Use several sheets if necessary)



U.S. PATENT DOCUMENTS

[illegible]

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

NONE

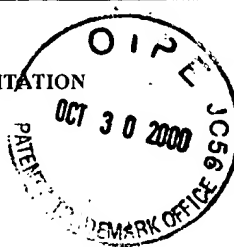
EXAMINER

DATE CONSIDERED

$$8 \mid 21 \mid 0$$

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

SECOND SUPPLEMENTAL INFORMATION DISCLOSURE CITATION
IN AN APPLICATION
 (Use several sheets if necessary)



068368.0131

09/661.705

Applicant **Thomas J. Nelson**

Filing Date 09/14/00

Group Art Unit:

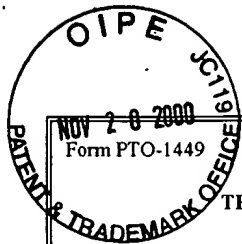
U.S. PATENT DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

Dennis Honey

ERED 8/21/01

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.



#5

Sheet 1 of 1

NOV 2 8 2000
Form PTO-1449THIRD SUPPLEMENTAL INFORMATION DISCLOSURE CITATION
IN AN APPLICATION
(Use several sheets if necessary)

Docket Number (Optional)

068368.0131

Application Number

09/661,705

Applicant Thomas J. Nelson

Filing Date 09/14/00

Group Art Unit:

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
DL	3,508,369	04/28/70	Tennison	52	395	04/11/68
	3,570,205	03/16/71	Payne	12	466	11/07/68
	3,688,460	09/05/72	Van Loghem et al.	62	466	09/02/70
	3,889,320	06/17/75	Koscik	24	73	04/01/74
	4,067,155	01/10/78	Ruff et al.	52	105	08/28/75
	4,069,731	01/24/78	Stang	83	72	02/03/76
	4,407,618	10/04/83	Kimura	41	40	03/06/81
	5,641,255	06/24/97	Tanaka	41	48	06/01/95
	5,706,623	01/13/98	Brown	52	713 04	01/02/97
	6,089,805	07/18/00	Salmon	41	45	03/17/99
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	Translation YES NO
DL	GB 2 257 040	06/01/93	GB	A4 G	27 04	
	531202	09/15/54	France			

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DUO GRIP	DATE CONSIDERED
	<i>Dennis G. Denny</i>	8/31/01

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.



#6

Sheet 1 of 1

Form PTO-1449

FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE CITATION
IN AN APPLICATION
(Use several sheets if necessary)

RECEIVED

JAN 24 2001

TO 3600 MAIL ROOM

Docket Number (Optional)

068368.0131

Application Number

09/661,705

Applicant Thomas J. Nelson

Filing Date 09/14/00

Group Art Unit:

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
[Handwritten initials]	1,916,748	07/04/33	T.G. Wright			02/11/32
	2,000,226	05/07/35	L.A. Fry	9	63	02/29/32
	3,947,614	03/30/76	Becker	427	234	11/20/72
	3,967,581	07/06/76	Zirbel	118	2	08/02/73
	4,070,987	01/31/78	Gross et al.	118	257	11/18/76
	4,074,655	02/21/78	Gross et al.	118	410	10/18/76
	4,226,662	10/07/80	McCort	116	390	12/28/78
	4,333,417	06/08/82	Camp et al.	118	5	12/13/79
	4,841,907	06/27/89	Otsuka	118	649	07/05/88
	4,857,367	08/15/89	Thorn et al.	427	348	10/16/87
	5,085,891	02/04/92	Evans	427	277	07/16/90
	5,295,341	03/22/94	Kajiware	52	56.2	07/10/92
	5,298,072	03/29/94	Schiele, deceased et al.	118	641	03/05/93
	5,772,762	06/30/98	Hanitzsch	118	223	05/08/96
	5,882,409	03/16/99	Stahl	118	712	10/06/97
[Handwritten initials]	6,101,778	08/15/00	Mårtensson	52	56.2.1	02/29/96
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	Translation YES NO	
[Handwritten initials]	WO97/21011 abstract	06/1997	PCT			X
[Handwritten initials]	2697275 abstract only	10/1992	France			X
[Handwritten initials]	3343601 abstract only	02/1983	Germany		X	

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Application Number

09/661,705

Filing Date 09/14/00

Group Art Unit:

EXAMINER
INITIAL

FILING DATE IF
APPROPRIATE

08/20/84

Translation

NO

x

x

x

(Including Author, Title, Date, Pertinent Pages, Etc.)

DATE CONSIDERED

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Technology Center 2100

PTO/SB/08 (11-90) Patent and Trademark Office

Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

+

Complete if Known

Application Number	09/661,705
Filing Date	09/14/2000
First Named Inventor	Thomas J. Nelson
Group Art Unit	3635
Examiner Name	Unknown
Attorney Docket Number	068368.0131 (1062P1)

Sheet	1	of	1
-------	---	----	---

A circular stamp from the Office of Intellectual Property (OIP). The text "OIP" is at the top, "JUL 23 2001" is in the center, and "PATENT & TRADEMARK OFFICE" is at the bottom. To the right of the stamp, the words "Examined" and "Initial" are partially visible.

[illegible][illegible]

Herminie Leroy

Considered

8	2	1	0
---	---	---	---

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

+

PTO/SB/08B (10-96)
 Approved for use through 10/31/99. OMB 0651-0031
 Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
 collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO

(use as many sheets as necessary)

Sheet	1	of	1
-------	---	----	---

Application Number	09/661,705
Filing Date	09/14/2000
First Named Inventor	Thomas J. Nelson
Group Art Unit	3635
Examiner Name	Unknown
Attorney Docket Number	068368.0131 (1062P1)

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

03600 MAIL ROOM

[illegible]

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	09/661,705
Filing Date	09/14/2000
First Named Inventor	Thomas J. Nelson
Group Art Unit	3635
Examiner Name	Unknown
Attorney Docket Number	068368.0131 (1062P1)



8/20/01
P.H.
#13

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner
Signature

Date
Considered

8/21/0

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.